

Purchasing Receipts

Plex 10/19/2018 9:07 AM *dart.Tollis.Andrew*

https://www.plexonline.com/278e69a9-5b8a-4148-aec7-4ea3e331964/Plexus_Control/Report_Visitor_2.asp?Opener_Session_Key={278E69A9-5B8A-4148-AEC7-4EA3E331964}&Session_Key={27...



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO041171

Supplier: ACI001-VC
Acler Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO041171
PO Date: 9/27/18
Due Date: 10/11/18
E-M Serial 27298
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal Phone: clavoie@dartaero.com
Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments: QUOTE NO. SOU0134446

Items

Line Item	Job	Part	Supplier Part.No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	A1	M17-4-R0.375		17-4 SS Round Bar .375" : 17-4 PH / S17400 / TYPE 630 SS ROUND BAR PER AMS 5643/ ASTM A564 GRAIN MUST BE ALONG LENGTH OF BAR MINIMUM YIELD TENSILE STRENGTH = 100 KSI MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI receive ft	Firmed	-	10/15/18	12 ft	0 ft	12 ft	\$5.1733/ft	\$62.08
2	A1	M303R0.500		303 Round Bar 0.500" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	Firmed	-	10/4/18	24 ft	0 ft	24 ft	\$2.3408/ft	\$56.18
3	A1	M303R0.750		303 Round Bar 0.750 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	Firmed	-	10/4/18	36 ft	0 ft	36 ft	\$5.406388/ft	\$194.63
4	A1	M303B1.500X3.500		303 Bar 1.500" X 3.500" : MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft	Firmed	-	10/15/18	4 ft	0 ft	4 ft	\$328.75/ft	\$1,315.00



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PURCHASE ORDER PO041171

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5		M6061T6B1.000X06.000		6061-T6 Bar 1.00 X 6.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	-	10/4/18	36 ft	36 ft	36 ft	\$28.1925/ft	\$1,014.93
6		M6061T6B2.500X01.500		6061-T6 Bar 2.50 X 1.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	-	10/4/18	12 ft	12 ft	12 ft	\$17.1595/ft	\$205.91
7		M6061T6B2.000X02.000		6061-T6 Bar 2.00 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	-	10/4/18	12 ft	12 ft	12 ft	\$17.8658/ft	\$214.39
8		M1018R2.500		M1018R2.500 : MATERIAL: AISI 1018-1025 ROUND BAR M1010S20GA AS PER MIL-S-7097 OR ASTM A108	Firmed	-	10/4/18	10 ft	10 ft	10 ft	\$21.521/ft	\$215.21
9		MT-4140QT-R1.750		AISI 4140 Quenched & Tempered Steel Round Bar 1.750" Dia. : AISI 4140 Q&T Round Bar : MAT'L: AISI 4130 QUENCHED & TEMPERED ROUND BAR AS PER ASTM 4140 QT OR ASTM 4142 QT	Firmed	-	10/15/18	12 ft	0 ft	12 ft	\$27.9166/ft	\$335.00



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PURCHASE ORDER PO041171

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
10		MT-HRS-R-5.000		Hot Rolled Steel Round Bar 5.000" Dia. : MATERIAL: HOT ROLLED STEEL ROUND BAR ASTM A36 OR ASTM A1011 OR 44W OR ASTM A1018	Firmed	-	10/4/18	4 ft	0 ft	4 ft	\$83.8275/ft	\$335.31

Grand Total: \$3,948.64

Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/27/18 1:25 PM dart.lavoie.chantal

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0134446

Billed to

DART AEROSPACE LTD
1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N° CLI0001056**Date** 2018/09/21**Revision N°** 0**Prices valid until** 2018/09/28**Your Order N°****Processed by** Denis Quenneville**Salesman** STEPHANIE**Carrier** OUELLE SDV**Credit Terms** Net 30 Days**Page** 1

Product N° and description	Weight	Qty U/M	Qty U/M	Price	Pcs Nb	Price	Amount
ROUND SS 3/8 17-4PH RANDOM NS RSS-38174PH 9168 <i>1 X 12' R/L 7-10 DAYS</i>	4.51	12.00 PI_\$CLB	12.00 PI	1.00	62.080	5.1733 \$	62.08
ROND STAINLESS 1 1/2 17-4 RANDOM NS RSS-112174-V 8868 <i>1 X 12' R/L COND. H1150 7-10 DAYS</i>	71.15	12.00 PI_\$CLB	12.00 UN_\$UN	1.00	886.470	73.8725 \$	886.47
ROUND SS 2 17-4 NS RSS-2174 10131 <i>1 X 12' R/L COND. H1150 7-10 DAYS</i>	128.16	12.00 PI_\$CLB	12.00 UN_\$UN	1.00	1 299.480	1 299.48	
ROUND SS 2 17-4 NS RSS-2174 10131 <i>2 X 12' R/L COND. H900 7-10 DAYS</i>	256.32	24.00 PI_\$CLB	24.00 UN_\$UN	2.00	1 640.385	3 280.77	
FLAT BAR SS 17-4 PH ASTM A564 1-1/4 X 2 <i>N</i> <i>1 X 12' R/L 7-10 DAYS</i>	0.00	1.00 UN	1.00 UN	1.00	1 175.000	1 175.00	
SHEET SS 18G SS304 2B (4 X 8) FESS-18G483042B 3425 <i>4 X 4' X 8' STOCK</i>	268.80	128.00 PI2_\$CLB	4.00 UN	4.00	243.902	975.61	
SKID (4 X 8) SK-48 10048	0.00	1.00 UN_\$UN	1.00 UN	1.00	40.00	40.00	
FLAT SS 1/2 X 2 1/2 SS304 (R) FSS-12212 8302 <i>1 X 12' R/L STOCK</i>	51.48	12.00 PI_\$CLB	12.00 PI	1.00	186.850	186.85	
ROUND SS 1/2 303 (R) RSS-12303 5727 <i>2 X 12' R/L STOCK</i>	16.01	24.00 PI_\$CLB	24.00 PI	2.00	28.090	56.18	
ROUND SS 3/4 303 (R) RSS-34303 5761 <i>3 X 12' R/L STOCK</i>	54.07	36.00 PI_\$CLB	36.00 PI	3.00	64.876	194.63	

Date :

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Hâvre
 Salaberry de Valleyfield (Québec) J6S 5L1
 Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0134446

Billed to

DART AEROSPACE LTD
 1270 , ABERDEEN ST.
 HAWKESBURY, Ontario, K6A 1K7

Shipped to

1270 , ABERDEEN ST.
 HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N° CLI0001056

Date 2018/09/21

Revision N° 0

Prices valid until 2018/09/28

Your Order N°

Processed by Denis Quenneville

Salesman STEPHANIE

Carrier OUELLE SDV

Credit Terms Net 30 Days

Page 2

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
FLAT SS303 1-1/2 X 3-1/2 N 1 X 4' 7-10 DAYS	0.00	1.00	UN	1.00	UN		1.00	1 315.000	1 315.00
FLAT ALU 1 X 6 6061-T6 * FAL-16 2536 3 X 12' STOCK	253.76	36.00	PI_\$CLB	36.00	PI		3.00	338.310	1 014.93
FLAT ALU 1 1/2 X 2 1/2 6061-T6 * FAL-112212 2439 SAW CUT SCIE 1 1 X 12' STOCK	52.87	12.00	PI_\$CLB	12.00	PI		1.00	205.890	205.89
SQUARE ALU 2 6061-T6 * CAL-2 1785 SAW CUT SCIE 1 1 X 12' STOCK	56.45	12.00	PI_\$CLB	12.00	PI		1.00	214.390	214.39
SQUARE ALU 4 1/2 6061-T6 NS CAL-412 9957 2 X 6' 3-4 DAYS	291.60	12.00	PI_\$CLB	12.00	UN		2.00	1 122.585	2 245.17
ROUND CR 1 3/4 1018 (R) RCR-134 5273 1 X 20' R/L STOCK	163.60	20.00	PI_\$CLB	20.00	PI		1.00	206.050	206.05
ROUND CR 2 1/2 1018 (R) RCR-212 5299 SAW CUT SCIE 1 1 X 10' STOCK	166.90	10.00	PI_\$CLB	10.00	PI		1.00	215.210	215.21
ROUND CR-2 1/2 1018 (R) RCR-212 5299 1 X 20' R/L STOCK	333.80	20.00	PI_\$CLB	20.00	PI		1.00	420.420	420.42

Cut in 2 PCS
Section of 10 ft

Date :

Next Page...



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935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0134446

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
4140 Q&T 1-3/4"Ø <i>1 X 6' 7-10 DAYS</i>	0.00	1.00	UN	1.00	UN		1.00	185.000	185.00
4140 Q&T 1-3/4"Ø <i>1 X 12' 7-10 DAYS</i>	0.00	1.00	UN	1.00	UN		1.00	335.000	335.00
ROUND TOOL STEEL 2 1/2 H13 NS RH13-212 <i>1 X 6' 7-10 DAYS</i>	102.00	6.00	PI \$CLB	6.00	UN-\$UN		1.00	606.900	606.90
ROUND HR 5 * RHR-5 SAW CUT SCIE <i>1 X 4' 3-4 DAYS</i>	267.04	4.00	PI \$CLB	4.00	PI		1.00	335.310	335.31
FUEL CHARGE FRAIS_ENERGETIQUE			\$						3.95

Total Weight (Lbs) 2 538.52

Important

This offer is based on the availability, the price of material can change without notice in function of the evolution of the current market prices and international importation fees.
This offer is subject to credit approval.

Sub-total 15 460.29

15 460.29

TVH-13 :: 2009.84

Approved and Accepted by :

Date :

Total (\$CAD)

17470-13



ACIER OUELETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtt: 514-336-4248 Ext.
Fax: 450-377-5696 Mtt: 514-336-4246 Ext.

DELIVERY - CLIENT

C000112384

Copy

DELIVERY - CLIENT

Tel.: 430-377-4248 M/F: 514-336-4248 Ext.: 800-66-4248
Fax: 450-377-5696 Mt: 514-336-4246 Ext.: 866-456-4244

Billed to	Shipped to		Customer N°						
DART AEROSPACE LTD	1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7		CLI0001056 2018/09/27						
Instruction	F-M	Delivery Route	Att : CHANTAL LAVOIE Tél.: 613-632-5200						
		5							
Product Description	Weight	Qty	UM						
1 ROUND SS 3 / 8 17-4PH RANDOM NS RSS-38174PH 9168 1 X 12' R/L AC20148-SM-2018/10/08 Heat : 274375	4.51	12.00	PI_\$CLB						
2 PLATE SS 1 1/2 SS303 HRAP NS PSS-112303 11977 1 X 3 1/2" X 48" AC20148-SM-2018/10/08 Heat : 502859	74.73	1.17	PI2_\$CLB						
Total Weight (Lbs) :		79.24							
Conditions :									
All sold and delivered materials remain the property of "Acer Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acer Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acer Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.									
Prepared By :	Verified By :	Delivered By :	Time :						
Customer's Signature									
<table border="1"> <tr> <td>Y</td> <td>M</td> <td>D</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>				Y	M	D			
Y	M	D							
Date									

Certificate of Mill Test Results

Inv: I387243
Heat: 274375

Date: 10/12/18

STNLS ROUND BAR SRB 17.4 .375" x 12" RANDOM



Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.I.
Telefono 0444.068211 - Fax 0444.903835
Slab.: 39100 BOLZANO (Italia) - Via A. Volta, 4/37
Telefono 0471.824111 - Fax 0471.824407

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: EN 10204 (2004), 3.1 / ISO 10474 (2013), 3.1

Certificato nr. MEST213476 / 2018 /
Puching Test/Qualität

RECHTSVERWENDUNG MÖGLICH

Cliente / Etablissement/Purchaser/Clien
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801 - FORT WAYNE, IN 46801 - US

Sito di forniture : Hot rolled - COND A Centerless
Listiert/angeführt
Delivery liste
Etat de livraison

Produttore :
Hansler/ferm/usine produzione

Ordine nr. 55970 STOCK POMPTON
Bestell
Your order
Commande

Tipo di Elaborazione: E+AOD
Eisenbrennungs
Milling process
Mode d'élaboration

ACCIAIERIE VALBRUNA S.P.A.



Conferma ordine nr. EI17013409
Werksnr. Order Refnr.

Qualità: 630

Marchi di Fabbrica:
Zentrale des Uferverbandes
Tiefen mark
Eight of four producções

Avviso di Spedizione: D-VI/18008998
Lieferanzeige/Packing note/LL

Marca: V174

Punzonatura: 630
Kennzeichnung
Marking
Marquage

Sample cond. H900											
Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique	Temperatura Temperatur Température	Raffreddamento Abkühlung Refroidissement	Permanenza Halbwertszeit Durée d'assimilation	Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique	Temperatura Temperatur Température	Raffreddamento Abkühlung Refroidissement	Permanenza Halbwertszeit Durée d'assimilation	Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique	Temperatura Temperatur Température	Raffreddamento Abkühlung Refroidissement	Permanenza Halbwertszeit Durée d'assimilation
TEST	Provvedere risciacquo Spülungspflichtig Längenfehler Weiteste Länge Werkstofffehler Läng. diam. Rund mm	Posa. Stippe Temp. temperatur chromium Rp 0,2% L11	Smerigliatura Schleifung Tisch-Schleif Unterdruck Rp 0,2%	Smerigliato Schleiftisch Unterdruck	Resistenza Tensile strength Tensile strength Rm kgf	Allungamento Elongation Elongation E 4d %		Strizione Grobzähligkeit Abrasivität Hart Korrasion		Riducibilità Reduktionsgrad Impact Wert Knickfest	Durezza Härte Harde Duro HB
Valori richiesti Anforderungen/required Valeurs demandées	min max	170	-	190	-	10	-	RA %	40	-	388 444
B 12,5	68 L	189		200		17		61			432

Mechanical properties according to ASTM A370.
Delta Ferrile according to AMS 2315.

Analisi chimica											
Chiediamo l'autorizzazione per l'analisi/Request permission for analysis/Analyse autorisée											
Codice Articolo Item Article Identificativo	Ind. Ref.	Ind. Ref.	16,00 17,00	3,00 3,00	3,00 3,00						
274375	C % 0,031	Si % 0,42	Mn % 0,84	Cr % 15,18	Mo % 0,27	Co % 3,30	Ni % 4,61	Ca % 0,071	P % 0,025	S % 0,001	N % 0,034
Codice Articolo Item Article Identificativo	Ind. Ref.	Ind. Ref.									
274375	Nb%+Ta% 0,276		Cb(Nb)% 0,275								

Ultrasonic volumetric test according to ASTM A388 pass.
Micro and macro etch test : satisfactory.
Produced without class I-II Ozone depleting substances.
Macroetch test per ASTM E340: acceptable.
Furnace calibrated according to AMS-H-6875.
Pyrometry in accordance with AMS2750.
Reduction ratio = 412,7 : 1
Material solution annealed 1805° F for 1h,
air cooled to below 90° F.
Material is DFARS Compliant!

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind erfüllt.
The stated requirements have been fulfilled.
Les mentionnées sont conformes avec les exigences
La trattoria è stata rispettata con le esigenze

Controllo animescolore: OK
Verarbeitungsprüfung: animescoloreisch durchgeführte
Aniliving testing performed: OK
Controle animescolore: OK

Controllo visivo e dimensionale, soddisfa le esigenze
Brüderlichkeit und Ausmessung mit Dimension
Visualizzazion e misurazioni dimensionali sono soddisfatti
Control visual and dimensional, meets all requirements

Vicenza, 06/03/18
VC0008 - MEST213470
(Mod. MCE2)

Il collaudatore di stabilimento / der Werkzeugverantwortliche / Works Inspector / L'agent d'usine

M.RIZZOTTO

Pagina - 2 di 3

Certificate of Mill Test Results

Inv: 1387243 Date: 10/12/18
Heat: 274375

STNLS ROUND BAR SRB 174 .375" x 12' RANDOM



Acciaierie Valbruna S.p.A.

30100 VICENZA (Italy) - Viale della scienza, 26 z.I.
Telefono 0444.988211 - Fax 0444.983838
Sito: 30100 BOLZANO (Italy) - Via A. Volta, 4/37
Telefono 0471.924111 - Fax 0471.924497

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a : EN 10204 (2004) , 3.1 / ISO 10474 (2013) , 3.1

Certificato nr. MEST213476 / 2018 /
Prüfungsprotokoll

Clienti / Besteller/Purchaser/Clienzi
VALBRUNA STAINLESS INC.,
2400 TAYLOR STREET WEST
46801 - FORT WAYNE, IN 46801 - US

Stato di formatura: Hot rolled - COND. A Centerless
Unfinished
Delivery basis
Etat de finition

Produttore:
Heraeus/Heraeus produzioni

Ordine nr. 66970 STOCK POMPTON
Bestell
Your order
Commande

Tipo di Elaborazione: E+AOD
Eisenverarbeitung
Metall process
Mode d'élaboration

Conferma ordine nr.: E117013409

Qualità:
Weiterverarbeitung
Qualité de fabrication

Punzone del Collaudatore:

Avviso di Spedizione: D-VI18006998
Verbrauchsmarketing HSL

Marca:
Markensetzung
Brand / Marque

Punzonatura: 630
Kennzeichnung
Marquage
Marquage

Molud and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portel System when it leaves the production plant.

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER ACCORDING TO ISO 9001 : 2008, IATF 16949 : 2016, AS 9100C

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, &, 4.3 and 2014/68/EU by TÜV and LLOYD'S
Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation
of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.
Maxwell and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved
machinability.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the
product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary
requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser, Acciaierie Valbruna S.p.A. shall not be responsible for any improper use of the
Products.

Vicenza, 06/03/18
VCQ008 - MEST213476
(Mod. MCER) SAFETY GUARANTEED

Il collaudatore di stabilimento / der Werksschweißende / Works Inspector / L'agent d'usine

M.RIZZOTTI

Pagina - 3 di 3

SPECIFICATION CONTROL DRAWING

	1	2	3	4	5	6	7	8																																				
D	<p>C PURCHASE MATERIAL 174 PH / S17400 / TYPE 630 SS ROUND BAR GRAIN MUST BE ALONG LENGTH OF BAR MINIMUM YIELD STRENGTH PER TABLE MINIMUM ULTIMATE STRENGTH PER TABLE</p>																																											
C	<p>C SPECIFICATION: C AMS 5643 OR ASTM A564 PART NUMBER: M174-C HHHHH- R XXXX COND O.D. WHERE: HHHHH SPECIFIES THE MATERIAL CONDITION (PER TABLE BELOW) X.XXX = DIAMETER (IN INCHES)</p>																																											
B	<p>C MATERIAL CONDITION TABLE:</p> <table border="1"> <thead> <tr> <th>CODE</th> <th>CONDITION</th> <th>MIN YIELD TENSILE STRENGTH (KSI)</th> <th>MIN ULTIMATE TENSILE STRENGTH (KSI)</th> </tr> </thead> <tbody> <tr> <td>(OMITTED)</td> <td>NONE SPECIFIED (CONDITION A NOT ACCEPTABLE)</td> <td>100</td> <td>150</td> </tr> <tr> <td>H900</td> <td>H900</td> <td>170</td> <td>190</td> </tr> <tr> <td>H925</td> <td>H925</td> <td>155</td> <td>170</td> </tr> <tr> <td>H1025</td> <td>H1025</td> <td>145</td> <td>155</td> </tr> <tr> <td>H1075</td> <td>H1075</td> <td>125</td> <td>145</td> </tr> <tr> <td>H1100</td> <td>H1100</td> <td>115</td> <td>140</td> </tr> <tr> <td>H1150</td> <td>H1150</td> <td>105</td> <td>135</td> </tr> <tr> <td>COND A</td> <td>CONDITION A (SOLUTION TREATED)</td> <td></td> <td></td> </tr> </tbody> </table> <p>NOTES: MATERIAL IN H900 AND H925 CONDITION NOT RECOMMENDED FOR TENSION OR SHEAR APPLICATIONS IN COLD WEATHER CONDITIONS MATERIAL IN H900 AND H925 CONDITION NOT RECOMMENDED FOR APPLICATIONS WHERE STRESS CORROSION CRACKING IS POSSIBLE CONDITION A NOT TO BE USED IN DESIGN FOR FINAL PRODUCT AND SHOULD ALWAYS BE HEAT TREATED</p>								CODE	CONDITION	MIN YIELD TENSILE STRENGTH (KSI)	MIN ULTIMATE TENSILE STRENGTH (KSI)	(OMITTED)	NONE SPECIFIED (CONDITION A NOT ACCEPTABLE)	100	150	H900	H900	170	190	H925	H925	155	170	H1025	H1025	145	155	H1075	H1075	125	145	H1100	H1100	115	140	H1150	H1150	105	135	COND A	CONDITION A (SOLUTION TREATED)		
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C	<p>C EXAMPLES:</p> <table border="1"> <thead> <tr> <th>PART</th> <th>PART NUMBER</th> </tr> </thead> <tbody> <tr> <td>4.000" DIAMETER BAR MIN UTS = 150 KSI, MIN YTS = 100 KSI</td> <td>M174-R1.000</td> </tr> <tr> <td>2.500" DIAMETER BAR H900 CONDITION</td> <td>M174-H900-R2.500</td> </tr> <tr> <td>3.250" DIAMETER BAR H925 CONDITION</td> <td>M174-H925-R3.250</td> </tr> <tr> <td>0.750" DIAMETER BAR A CONDITION</td> <td>M174-CONDA-R0.750</td> </tr> </tbody> </table>								PART	PART NUMBER	4.000" DIAMETER BAR MIN UTS = 150 KSI, MIN YTS = 100 KSI	M174-R1.000	2.500" DIAMETER BAR H900 CONDITION	M174-H900-R2.500	3.250" DIAMETER BAR H925 CONDITION	M174-H925-R3.250	0.750" DIAMETER BAR A CONDITION	M174-CONDA-R0.750																										
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B	<p>A RELEASED D E(CN)17-728 11/10/2017 - 31 BY JH A DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA REV. C SHEET 1 OF 1 SCALE NTS <small>Copyright © 2015 by Dart Aerospace Ltd. All rights reserved. No part of this document may be reproduced without written permission from Dart Aerospace Ltd.</small></p>																																											
A	1	2	3	4	5	6	7	8																																				

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M17-4-R0.375
 DATE: 18/10/18

PO / BATCH NO.: P0041171/S119205

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12ft
 QUANTITY INSPECTED: 12ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.375"
 THICKNESS RECEIVED: 0.375"
 SHEET SIZE ORDERED: -
 SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/>	N <input type="radio"/>
CORRECT FINISH	Y <input checked="" type="radio"/>	N <input type="radio"/>
CORROSION	Y <input checked="" type="radio"/>	N <input type="radio"/>
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/>	N <input type="radio"/>
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/>	N <input type="radio"/> AMS 5643
CORRECT THICKNESS	Y <input checked="" type="radio"/>	N <input type="radio"/>
PHOTO REQUIRED	Y <input checked="" type="radio"/>	N <input type="radio"/>
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/>	N <input type="radio"/> HT: 274375
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/>	N <input type="radio"/>
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/>	N <input type="radio"/>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/>	N <input type="radio"/>
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/>	N <input type="radio"/>

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/10/18</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

Certificate of Mill Test Results

Date: 10/12/18

Inv: 1387243
Heat: 302859

STNLS PLATE SPLM 303 1.5" x 3-1/2" x 48"

112384

Dart

20148N

3

sij[®] acroni

10073155-20014470-50671

Izdajatelj Certifikata:
Originator of Inspection Document
Auszsteller der Bescheinigung:

SU ACRONI, d.o.o.
KRT-JAKOVOST
Cesta Borisa Kidriča 44
SI-4270 Jesenice
Slovenia, EU

Tel: +386 4 584 10 16
Fax: +386 4 584 10 71
E-Mail: cerat.kmet@acroni.si
W: <http://www.acroni.si>

Page 1 / 3

m100547

L442890

Prevezemni certifikat 3.1 / Inspection Certificate 3.1 / Abnahmeprüfzeugnis 3.1
EN 10204:2004

Št. dokumenta / Document No. / Bescheinigungs Nr.

10073155-20014470-50671 z / dated / vom 24.11.2017

Kupčeva št. narudžba / Purchaser's order No. / Kundenbestell Nr.

PO29150

Št. Dobavnega lista / Packing list No. / Lieferchein Nr.

10073155 z / dated / vom 24.11.2017

Št. Računa / Account No. / Rechnungsnr.

1720101025146

Prejemnik / Consignee / Empfänger

PENN STAINLESS PRODUCTS

190 KELLY ROAD

PA18951 QUAKERTOWN

UNITED STATES

Proizvajalčeva št. narudžba / Manufacturer's works order No. / Werksauftrag Nr.

20014470 z / dated / vom 04.10.2017

Kupčeva št. Izdelka / Purchaser Article No. / Artikel Nr. des Kunden

Datum izdaje / Date of issue / Ausgabedatum

24.11.2017

Izdelek / Product / Erzeugnis DEBELA PLOČEVINA / HOT ROLLED PLATE / WARMGEWALZTES GROBBLÄCHER SINOXX 4305

Zahteve / Requirements / Anforderungen

ASTM A582/A582M-12

Oznaka jekla / Steel designation / Stahlbezeichnung

530300

(303)

ASTM A959-1989(2009)

530300

303

EN 10088-2:2014

HOT ROLLED STAINLESS STEEL ASME SA
240 TP 303

Customer Grade

Specifikacija kupca / Customer specification No. / Kundenspezifikation

Dodatek zahteve / Supplementary requirements / Zusätzliche Anforderung

Dobavno stanje / Product delivery condition / Lieferzustand des Erzeugnisses

TOPILNO ZĀRJENO, LUŽENO / SOLUTION ANNEALED, PICKLED / LÖSUNGSGEGLÜHT, GEBEIZT

Stroja površina / Surface finish / Oberflächenbehandlung

ASTM Finish No. 1 - on both sides

EM Surface: 1D - on both sides

Popravljanje z varjenjem ni dovoljeno / No weld repair / Keine Schweißreparatur

Oznake Izdelka / Marking of the product / Konzeichnung des Erzeugnisses

Znak proizvajalca Manufacturer's mark Zeichen des Herstellers	Oznaka jekla Steel designation Stahlbezeichnung	St. plošče Plate No. Tafel Nr.	St. serze Heat No. Schmelzen Nr.	Dimenzije Izdelka Product dimensions Abmessungen des Erzeugnisses	Zig kontrolo Stamp of the works inspector Stempel des Werkstattwärts Stempel des Abnahmobauftrag	Zig prevzemnika Stamp of the inspection representative Stempel des Abnahmevertrags
SU ACRONI					KK 4	
Dodatne Oznake / Other marks / Andere Kennzelchen						

Obseg dobavej / Extent of material delivery / Umfang der Lieferung

Poz. Item Pos.	St. Serze Heat No. Schmelzen Nr.	St. plošče Plate No. Tafel Nr.	Teoretična teža Mass Masse	Teža neto Actual mass Ist Massa	Dimenzije Izdelka Product dimension Maße des Erzeugnisses	SL. štev. No. of pieces Stückzahl	SL. vzorca Sample No. Probe Nr.
6	302859	1752827601	3067.66	3067.66	1.500 / 78.00 / 200.00	1	1732827601

Način izdelave jekla / Steelmaking process / Stahlherstellungsverfahren E + VOD

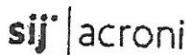
SU ACRONI d.o.o.
Cesta Borisa Kidriča 44
SI-4270 Jesenice
Prodležnostce / Works Inspector / Werkstattwärter
Dr. Goran Kosec


SU ACRONI d.o.o.
Cesta Borisa Kidriča 44
SI-4270 Jesenice
Slovenia, EU

heat: 302859

Certificate of Mill Test Results

Date: 10/12/18
Inv: 1387243
Heat: 302859



Izdačil Certifikat:
Originator of Inspection Document:
Austarter der Bezeichnung:
10075155-20014470-50671

SU ACRONI, d.o.o.
KGT-KAKOVOST
Cesta Barica Kralja 44
SI-4270 Jesenice
Slovenia, EU
Tel.: +386 4 584 10 16
Fax: +386 4 584 10 71
E-Mail: posta@acroni.si
W: <http://www.acroni.si>

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Pogoj topločne obdelave / Heat treatment details / Wärmebehandlung Details
HEAT TREATMENT: SOLUTION ANNEALED AT min. 1925°F WATER QUENCHED
Lot Numbers : 1732827601

Mechanische lastnosti pri sobri temperaturi / Mechanical properties at room temperature / Mechanische Eigenschaften bei Raumtemperatur																									
Št. serije Heat No. Schmelzen Nr.	Št. vzorca Sample No. Probe Nr.	Smer vzorca Sample orientation Probenlage	Meja plastičnosti Yield or proof strength Streck- oder Dehngrenze (KSI)	Nat. trdnost Tensile str. Zugfestigkeit (KSI)	Zg. meja plastičnosti Upper Yield strength Obero Streckgrenze (KSI)	Kontrakcija Redukcija area Bruchdehnung (%)	Radelek Elongation Bruchdehnung (%)	Razmerje Ratio Beziehung					Trdota Hardness Härte												
									T/L	T/B	1/2; 1/4; S2	Rp0,2	Rp1,0	Rm	Reh	Z	A5	A50	A80	Rp/Rm	HBW				
Zahodne Requirements Anforderung	MIN				27.56	53.36	72.52										35.0							146	
	MAX															101.55								202	
302859	1732827601	T			34.25	59.74	78.61										63	55.0							
T- Pravno / Transverse / Quer L- Vzdoljno / Longitudinal / Langs T- Glavna / Top / Kopit B- Noga / Bottom / Fuss 1/2 - Odvzem vzorca na sredini / Taking the sample at the center of product / Unter der Probe in der Mitte des Produkts 1/4 - Odvzem vzorca po debi 1/4 pod površino / Thickness 1/4 under the surface / Dicke 1/4 unter der Oberfläche S2 - Odvzem vzorca po debi 2 mm pod površino / Thickness 2 mm under the surface / Dicke 2 mm unter der Oberfläche																									

Kemična Analiza / Chemical Composition / Chemische Zusammensetzung

Št. Serije Heat No / Schmelzen Nr.	302859																
%C	0.051	%Si	0.500	%Mn	1.710	%P	0.035	%S	0.2510	%Cr	17.07**	%Ni	8.26	%Cu	0.290	%N	0.0612

Kontrola oznak, identifikacije, površine, oblike in dimenzij / Control of marking and identification, surface appearance, shape and dimensional properties / Prüfung von Kennzeichnung, Identifizierung, Oberfläche, Form und Maße :
ASME SA 480 Ed.2015 OK
ASTM A480/A480M-16a OK

STNLS PLATE SPLM 303 1.5" x 3-1/2" x 48"

SU ACRONI d.o.o.
Cesta Barica Kralja 44
SI-4270 Jesenice
Pooblažljavec / Works Inspector / Werkstattwirtse/voz
Dr. Gorazd Kosov

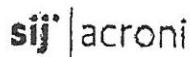
sij acroni

SU ACRONI d.o.o.
Cesta Barica Kralja 44
SI-4270 Jesenice
Slovenija, EU

Certificate of Mill Test Results

Date: 10/12/18
Inv: 1387243
Heat: 302859

STNLS PLATE SPLM 303 1.5" x 3-1/2" x 48"



Izdelevalni Certifikata:
Originator of Inspection Document:
Avtorjevnik za preverjanje:
10073155-20014470-50671

SJ ACRONI d.o.o.
KRT KAKOVOST
Cesta Borce Klerčiča 44
SI-4270 Jesenice
Slovenia, EU

Tel.: +386 4 584 10 16
Fax: +386 4 584 10 71
E-Mail: georg.koren@acroni.si
Web: <http://www.acroni.si>

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Opombe / Remarks / Bemerkungen

Potrjujemo da dobavljeni izdelki ustrezajo zahtevam naročila / We confirm herewith that the delivered products comply with the purchase order / Es wird bestätigt,
daß die Erzeugnisse den Bestellanforderungen entsprechen
Država porekla = Država izdelave latine = Država Izdeleve slaba - SLOVENIJA - EU / Country of Origin = Country of melt = Country of slab: SLOVENIA - EU /
Herkunftsland = Land der Schmelze = Land der Bramme - SLOVENIA - EG
Material ni kontaminiran z živim srebrom. / Free from Known Contamination with Mercury. / Keine kontamination mit Quecksilber.
Material je skladen z RoHS direktivo. Podrobnosti na: <http://www.acroni.si/en/data/files/1370588262.pdf> / Material fully comply with RoHS directive, Details
on: <http://www.acroni.si/en/data/files/1370588262.pdf> / Material ausgestattet mit RoHS-Richtlinien, Einzelheiten
auf: <http://www.acroni.si/en/data/files/1370588262.pdf>

Sistem vodenja kakovosti je certificiran po ISO 9001. Št. Certifikata: 12 100 6200 TMS. Izdajatelj: TÜV SÜD Management Service GmbH. / Quality Management
System is certified according to ISO 9001. Certificate no. 12 100 6200 TMS. Issued by TÜV SÜD Management Service GmbH. / Qualitätsmanagementsystem
zertifiziert nach ISO 9001. Zertifikat Nr. 12 100 6200 TMS der TÜV SÜD Management Service GmbH.

DFARS compliant per 252.225.7003 and 252.225.872-1

Meritve sevanja: NI RADIOAKTIVNEGA-ONESNAŽENJA / Measuring Radiation: NO RADIOACTIVE CONTAMINATION / messen: KEINE ERHÖHTE
RADIOAKTIVITÄT

Spektrometerska analiza PMI v skladu API RP 578: OK / Spectrometer Sorting Test PMI according API RP 578: OK / Spektrometer Sortiertest PMI nach API RP
578: OHNE BEANSTANDUNG

Vizualni pregled: OK / Visual inspection: OK / Sichtprüfung: OHNE BEANSTANDUNG

SJ ACRONI d.o.o.
Cesta Borce Klerčiča 44
SI-4270 Jesenice
Prodiktions / Works inspection / Werkstatt-inspektion/
Dr. Gorazd Koren

Sij acroni
SJ ACRONI d.o.o.
Cesta Borce Klerčiča 44
SI-4270 Jesenice
Slovenia, EU

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS BAR
(NOTE: AISI 304/316 NOT ACCEPTABLE)

A SPECIFICATION: ASTM A382

PART NUMBER: M303B1.1TTT X WWW.WWW |
THICK | WIDTH |

WHERE "TTT" = THICKNESS IN INCHES
AND "WWW" = WIDTH IN INCHES
EG. 0.5" x 3.0" BAR = M303B0.500X03.000

RELEASED
2010-02-02
[Signature]

B	REFORMED DWG. ADD SPECS (ZN DB 1), REF PAR 04-020A	OP	10/01/05
A	NEW ISSUE	DS	02/05/29
REV	DESCRIPTION	BY	DATE
DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
DRAWN		HAWKESBURY ONTARIO CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		M303B	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		303 BAR	NTS
DATE	10/01/05	COPRIGHT © 2003 BY DART AEROSPACE LTD	

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IT IS TO BE KEPT CONFIDENTIAL AND NOT COPIED OR DISSEMINATED.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M302B6500x3.500
 DATE: 18/10/19

PO / BATCH NO.: P004117V3119738

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 4ft
 QUANTITY INSPECTED: 4ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.500"
 THICKNESS RECEIVED: 1.500"
 SHEET SIZE ORDERED: -
 SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>N</u>	
CORRECT FINISH	Y <u>N</u>	
CORROSION	Y <u>N</u>	
CORRECT GRAIN DIRECTION	Y <u>N</u>	
CORRECT MATERIAL PER M-DRAWING	Y <u>N</u>	ASTM A582
CORRECT THICKNESS	Y <u>N</u>	
PHOTO REQUIRED	Y <u>N</u>	
CORRECT REF # TO LINK CERT	Y <u>N</u>	H7.3D2859
CORRECT MATERIAL IDENTIFICATION	Y <u>N</u>	
CORRECT M# ON THE MATERIAL	Y <u>N</u>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/10/19</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in